

FIG.1

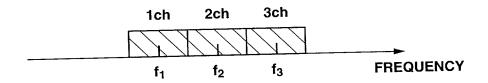
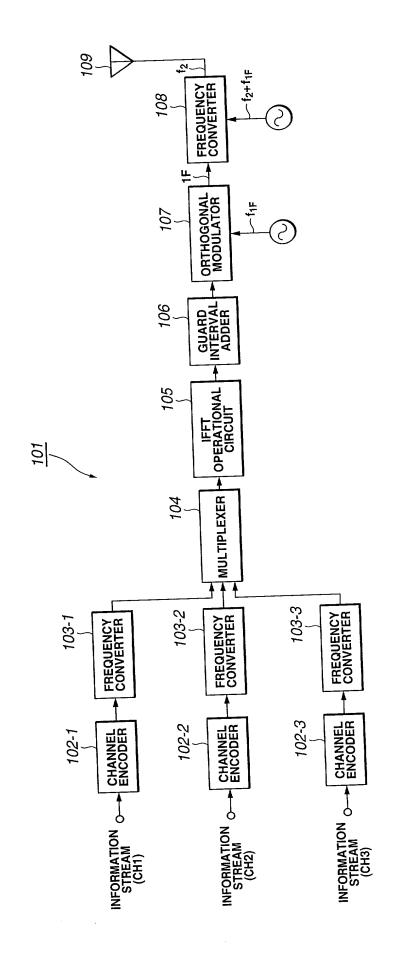


FIG.2



<u>FIG.</u>(3)

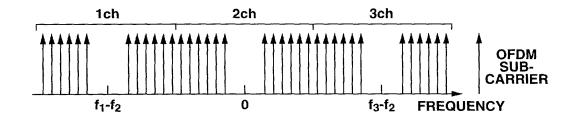


FIG.4

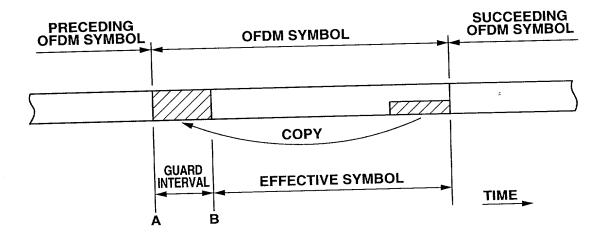


FIG.5

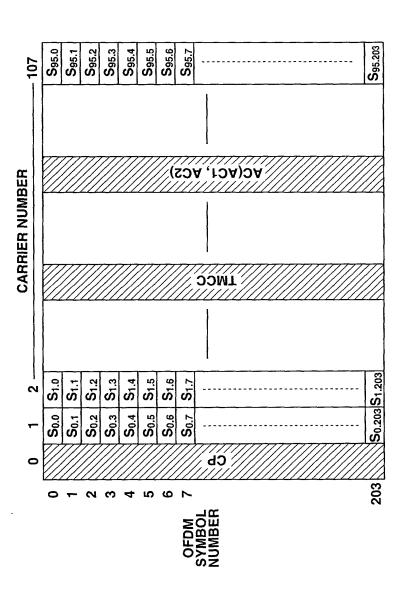


FIG.6

	7	5.0	5.1	5.2	S 95.3	S _{95.4}	S _{95.5}	S _{95.6}	5.7								201	202	503
	107	S 95.0	S _{95.1}	S _{95.2}	တိ	တိ	တိ	တိ	\$95.7								S95.201	S 95.202	S _{95.203}
									/// CS	7/ ∀ '	13	(// A)	/// >∀						
			72			/								<u> </u>	<u> </u>	7.7.7	777	221	24
			Ż	<u> </u>); 3:	/// MC	/// 1 /							
		///	<u>//</u>	<u>//</u>		///				///	///	///							4
	~ !		 -	2	u,														
	12	SP	S11.1	S11.2	S11.3	1 SP													ļ
CARRIER NUMBER	F	S _{10.0}	S _{10.1}	S _{10.2}	S _{10.3}	S _{10.4}													
	9	S _{9.0}	S _{9.1}	\$9.2	S _{9.3}	S _{9.4}													
	6	S _{8.0}	S _{8.1}	S 8.2	SP	S _{8,4}											38.201	38.202	SP
RRIEI	ω	S _{7.0}	S _{7.1}	S _{7.2}	S _{8.3}	S _{7.4}											SP 83.201 S4.201 S5.201 S8.201 S7.201 S8.201	7.202	5.203 S4.203 S5.203 S6.203 S7.203 S8.203 SP
CA	7	Se.0	S _{6.1}	S _{6.2}	S _{7.3}	S _{6.4}											8.201	8.202	7.203
	9	S _{5.0} \$	S _{5.1}	SP	S _{6.3} {	S _{5.4} \$											2018	Spas	S 203
	2	Н	_	S _{5.2}	S _{5.3} S	S4.4 S											201 SE	202	203 Se
		0 \$4.0	.1 S4.1														S01 S4.	S ₂	.03 S ₅ .
	4	S _{3.0}	S _{3.1}	S4.2	S4.3	S _{3.4}											S3.2	S4.2	3S4.2
	က	S _{1.0}	dS		S _{3.3}		SP										dS/	\$4.20	\$5.20
	8	S _{1.0}	\$2.1	\$2.2	\$2.3	S _{1.4}											\$2.20	\$2.20	\$2.20
	-	S _{0.0}	S _{1.1}	\$1.2	S _{1.3}	S _{0.4}											S _{1,201}	\$1,202	S _{1.203}
	0	SP	S _{0.1}	S _{0.2}	S _{0.3}	SP S0.4								. 		dS	S _{0.201} S _{1.201} S _{2.201}	So. 202 S1, 202 S2, 202 S4, 202 S5, 202 SP S8, 202 S7, 202 S8, 202	203 S _{0.203} S _{1.203} S _{2.203} S
		0	_	8	က	4										200	201	202	203
										FDM	SYMBOL	<u> </u>							
										0	S	2							

FIG.7

SEGMENT NO.	
СР	0
AC1_1	35
AC1_2	79
AC2_1	3
AC2_2	72
AC2_3	85
AC2_4	89
TMCC 1	49
TMCC 2	61
TMCC 3	96
TMCC 4	99
TMCC 5	104

FIG.8

CARRIER ARRANGEMENT OF TMCC AND AC OF SYNCHRONOUS MODULATOR

SEGMENT NO.	
AC1_1	35
AC1_2	79
TMCC 1	49

FIG.9

B ₀	REFERENCE FOR DIFFERENTIAL DEMODULATION
B ₀ ~ B ₁₆	SYNCHRONIZING SIGNAL (W0=0011010111101110, W1=1100101000010001)
B ₁₇ ~ B ₁₉	IDENTIFICATION OF SEGMENT FORMAT (DIFFERENTIAL 111, SYNCHRONOUS 000)
B ₂₀ ~ B ₁₂₁	TMCC INFORMATION (102 BITS)
B ₁₂₂ ~ B ₂₀₃	PARITY BITS

FIG.10

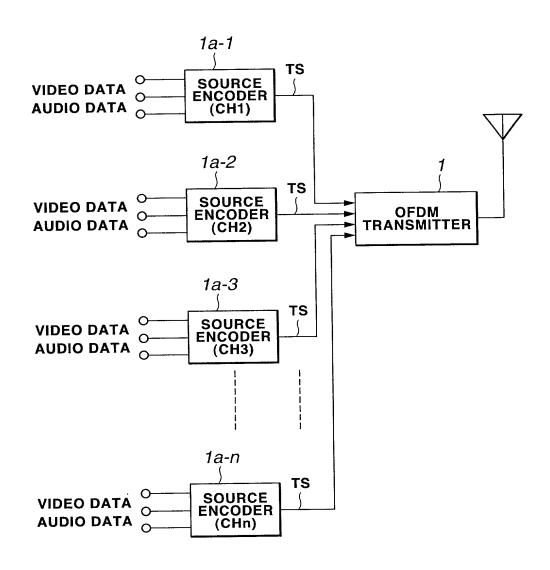


FIG.11

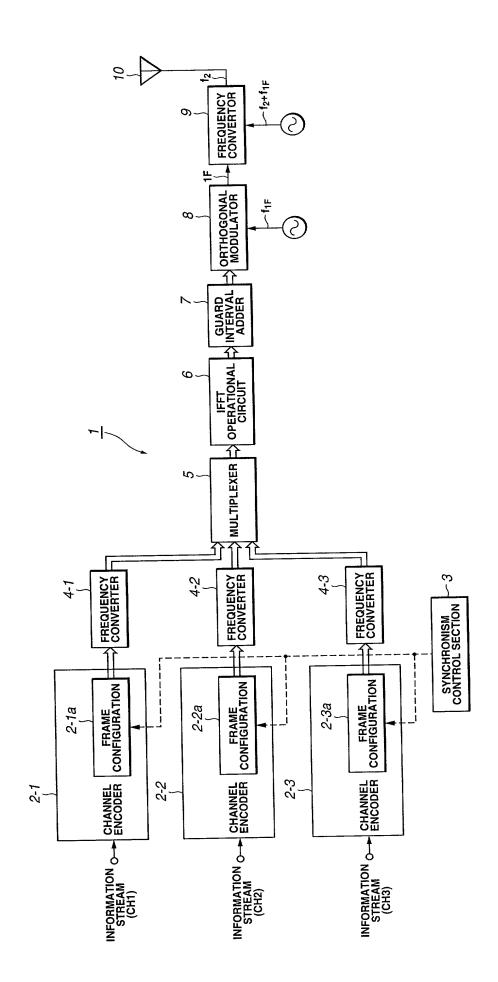


FIG. 12

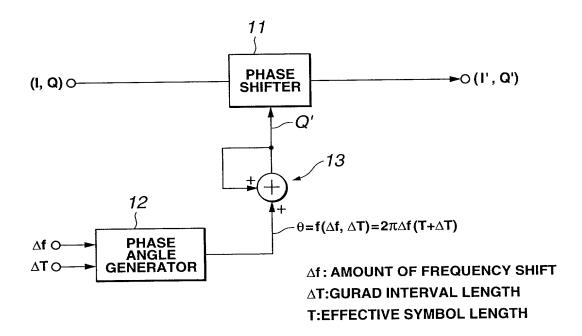


FIG.13

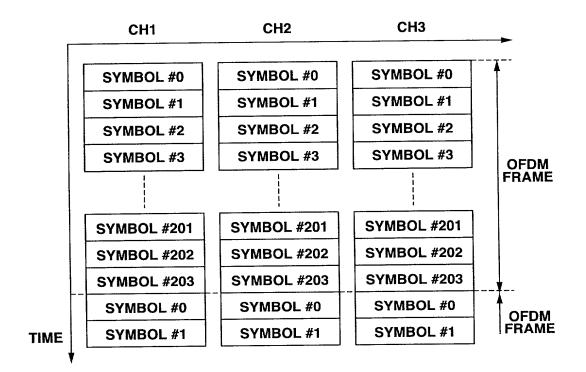


FIG.14

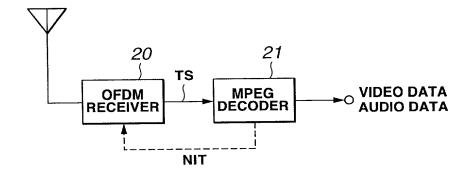
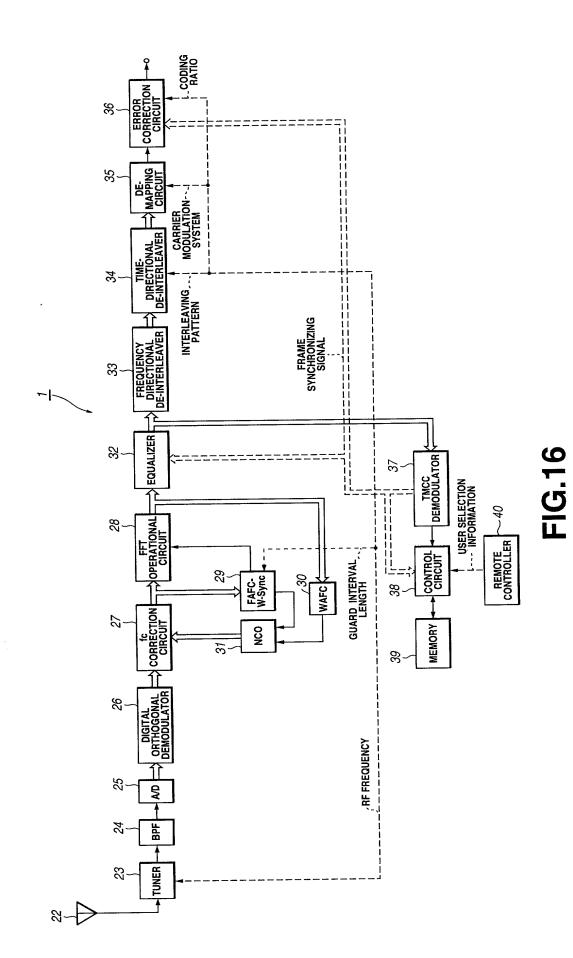


FIG.15



BIT ASSIGNMENT	EXPLANATION
B ₁₁₀ ~ B ₁₁₃	NUMBER OF CONNECTED SEGMENTS
B ₁₁₄ ~ B ₁₁₇	SEGMENT NO. OF SIGNAL TO BE TRANSMITTED

FIG.17

VALUE (b ₁₁₃ , b ₁₁₂ , b ₁₁₁ , b ₁₁₀)	MEANING
0000	RESERVED
0001	RESERVED
0010	2 SEGMENTS
0011	3 SEGMENTS
0100	4 SEGMENTS
·	:
1100	12 SEGMENTS
1101	13 SEGMENTS
1110	RESERVED
1111	INDEPENDENT TRANSMISSION

FIG.18

SEGMENT	#12
SEGMENT	#10
SEGMENT SEGMENT	8 #
SEGMENT	9#
SEGMENT	#
SEGMENT	#
SEGMENT	0#
SEGMENT SEGMEN	#
SEGMENT	£ #
SEGMENT	#2
SEGMENT	L #
SEGMENT	6 #
SEGMENT	#

FIG.19

SE	GMENT	SEGMENT	SEGMENT
	#1	#0	#2

FIG.20

SEGMENT	SEGMENT	SEGMENT	SEGMENT	SEGMENT	SEGMENT
#5	#3	#1	#0	#2	#4

FIG.21

VALUE (b ₁₁₇ , b ₁₁₆ , b ₁₁₅ , b ₁₁₄)	MEANING	
1111	SEGMENT #0	
1110	SEGMENT #1	
1101	SEGMENT #2	
•		
0011	SEGMENT #12	
0010	RESERVED	
0001	RESERVED	
0000	RESERVED	

FIG.22

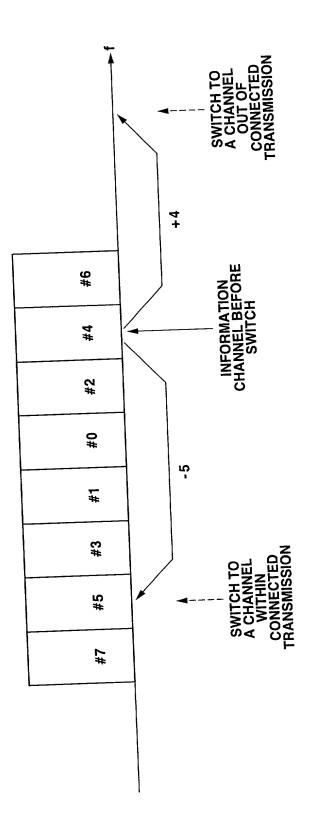


FIG.23

000	CONNECTED TRANSMISSION GROUP #0
001	CONNECTED TRANSMISSION GROUP #1
010	CONNECTED TRANSMISSION GROUP #2
011	CONNECTED TRANSMISSION GROUP #3
100	CONNECTED TRANSMISSION GROUP #4
101	CONNECTED TRANSMISSION GROUP #5
110	CONNECTED TRANSMISSION GROUP #6
111	INDEPENDENT TRANSMISSION

FIG.24

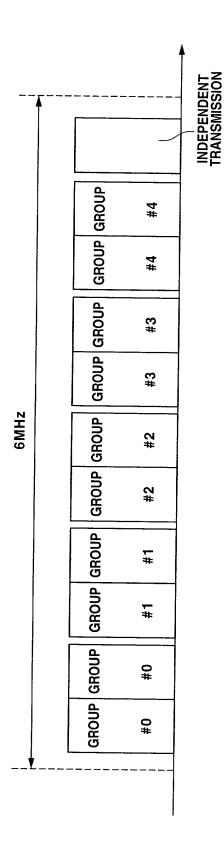


FIG.25